



# Laboratory Test Report

Member # 5610  
Customer ID: 83633

Test Specimens Provided by: **MARBO srl**  
**via Carriona, 2230**  
**54033-Carrara (MS) ITALY**

TradeName of Material: **Calacata Borghini**  
Country of Origin: **Italy**  
Test Procedure: **ASTM C1353 Standard Test Method for Abrasion Resistance of Dimension Stone Subjected to Foot Traffic Using a Rotary Platform Abraser**

Specimen Number	Initial Weight (grams)	Weight after Abrading (grams)	Bulk Specific Gravity*	Number of Revolutions	Abrasion Index ( $I_w$ )
CalB-C1353-1	246.46	244.89	2.719	1,000	63.6
CalB-C1353-2	245.82	244.11	2.719	1,000	58.4
CalB-C1353-3	250.00	247.95	2.719	1,000	48.7

**Average: 56.9**

Standard Deviation: 7.6

Coefficient of Variation: 13.3%

\* Bulk specific gravity calculated per ASTM C97.

Date of Tests: **Monday, July 27, 2020**  
Tests performed by: **R. Lawson**  
Report and Data Reviewed by: **C. Muehlbauer**

*NOTE: Test results from hard and coarse-grained stones such as granite should be viewed with caution. Hard stones may both polish and abrade, thus resulting in an increase in the indicated value of  $I_w$ . Coarse-grained stones may exhibit a wider than normal variation of  $I_w$  results in addition to polishing and abrading because of differences in hardness between grains.*

These tests were performed on a Taber Abraser Model 5130 (single platform) machine, Serial No. 20161679, using H-22 Calibrade abrasive wheels. Last Date of Calibration: August 19, 2019.

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